



Underground Storage Tank Control Regulations APPLICATION FOR PERMIT TO INSTALL

GENERAL INFORMATION:

On May 24, 1985, the South Carolina Underground Storage Tank Control Regulations (SCUSTCR) became effective. Revisions to these regulations became effective on March 23, 1990. The regulations provide for the development and implementation of a regulatory program for underground storage tanks that store regulated substances. One primary purpose of the regulations is to set forth specific requirements for underground storage tanks to prevent product releases. To ensure that the design, construction, and installation requirements are met, a tank permitting program has been established. Pursuant to SCUSTCR R.61-92, Part 280, "after January 1, 1986, any person who proposes to install a new tank must apply for a permit...and possess said permit prior to tank installation...". A Permit to Construct will be issued for underground storage tank systems upon Department review and approval of the Application for Permit to Install. An application for Permit to Operate will be included with the Permit to Construct. The application for Permit to Operate must be submitted when the installation of the underground storage tank system has been completed. Upon Department review and approval of the Application for Permit to Operate, a Permit to Operate will be issued. An invoice for the registration fee, as authorized by the State Underground Petroleum Environmental Response Bank (SUPERB), will accompany the Permit to Operate. Please note that the operation of the underground storage tank system without a Permit to Operate is a violation of the SCUSTCR R.61-92, Part 280.23[b].

EXPLANATION AND DEFINITIONS:

Complete DHEC Form 2101 only if you are proposing to install an underground storage tank system. Please read the instructions carefully prior to completing the form. If, after reading these instructions, you are unsure whether this applies to you or if you have any questions, please contact the UST Program, SCDHEC, (803) 896-6240.

"New tank" means any tank installed after January 1, 1986.

"Underground storage tank" means any one or combination of underground enclosed containers (including underground pipes connected thereto) that is 10 percent or more beneath the surface of the ground. Excluded are:

- 1) farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
- 2) tanks used for storing heating oil for consumptive use on the premises where stored;
- 3) septic tanks;
- 4) pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under the State laws;
- 5) surface impoundments, pits, ponds, or lagoons;
- 6) storm water or waste water collection systems;
- 7) flow-through process tanks;
- 8) liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
- 9) storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

"Regulated substance" means any substance defined in Section 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) [but not including any substance regulated as a hazardous waste under Subtitle C] and petroleum, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute). If you do not know whether your tank contains regulated substances, please call the UST Program, SCDHEC, (803) 896-6240.

"Owner" means:

- 1) In the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for storage, use or dispensing of regulated substances;
- 2) In the case of any underground storage tank system in use before November 8, 1984, but no longer in use on that date, any person who owned such UST immediately before the discontinuation of its use; or
- 3) A person who has assumed legal ownership of the underground storage tank through the provisions of a contract of sale or other legally binding transfer of ownership.

INSTRUCTION FOR COMPLETING THE APPLICATION FOR PERMIT TO INSTALL:

- I. Location of Tank(s) - Enter the name and address of the facility where the tank(s) are to be located. The address must include the name of the county in which the facility is to be located.
- II. Tank Ownership - Enter the name, mailing address, and telephone number of the tank owner.
Site Information - The site identification number (site ID #) for any regulated tanks previously or presently at the site must be provided. If any of the existing tanks are to be replaced, then the substance stored and capacity of the tanks must be shown.
- III. Operator information - Enter the name, mailing address, and telephone number of operator.
- IV. Landowner information - Enter the name, mailing address, and telephone number of landowner.
- V. Certification - The application must be signed by the owner or an authorized representative of the facility. An authorized representative is a person responsible for the overall operation of the facility, for example, a plant manager or superintendent or a designated official of the company owning the underground storage tank. (This is not for contractors)
- VI. Tanks - Complete the empty boxes or spaces found under each heading. In that the design, construction and installation details may vary for individual tanks to be installed, a column for each individual tank (up to five tanks) has been provided. Therefore, it is necessary to designate a number for each individual tank to be installed.
- VI. Water Supply Wells - Complete the empty boxes or spaces as indicated.
- VIII. Piping - Complete the empty boxes or spaces as indicated.
- XI. Spill and Overfill Prevention Equipment - Complete the empty boxes or spaces as indicated.
- X. Release Detection - Complete the empty boxes or spaces as indicated.
- XI. Site Map - Attach a site map as described.
- XII. Certificate of Installation - Complete the empty boxes or spaces as indicated.
- XIII. Installation - Complete the empty boxes or spaces as indicated.
- XIV. Financial Responsibility - Enter the method, insurer, or policy number for meeting financial responsibility. Submit supporting documentation for method chosen.

OFFICE MECHANICS AND FILING:

After completing the form, send to:

UST Program
SC Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201-1708

It is recommended that the owner retain a copy of the completed form. Allow approximately two to four weeks for Department review.

Sites located in Beaufort, Berkeley, Charleston, Colleton, Dorchester, Georgetown, Horry, or Jasper Counties must be reviewed and approved by the Office of Ocean and Coastal Resource Management (OCRM) prior to the Department's issuing a Permit to Construct. The Office of Ocean and Coastal Resource Management (OCRM) will be notified by SCDHEC upon submittal of the Application for Permit to Install. Allow six weeks for OCRM approval.



Underground Storage Tank Program
S.C. Department of Health and Environmental Control
2600 Bull Street, Columbia, S.C. 29201
Telephone: (803)-896-6240 Fax: (803) 896-6245
www.scdhec.gov/ust

APPLICATION FOR PERMIT TO INSTALL

I. LOCATION OF TANK(S)

Facility Name

Street Address

City State Zip Code

Area Code Telephone Number

Contact Person

Tax Map #

Were tanks ever present on site? Yes ☐ No ☐

II. TANK OWNER

Owner Name (corp., individual, etc.)

Street Address

City State Zip Code

Area Code Telephone Number

EIN or SSN

Will any existing tanks be replaced by new tanks?

Yes ☐ No ☐

If yes, indicate which tanks (by capacity and substance stored)

III. OPERATOR INFORMATION

Name

Mailing Address

City State Zip Code

Area Code Telephone Number

EIN or SSN

IV. LANDOWNER INFORMATION

Name

Mailing Address

City State Zip Code

Area Code Telephone Number

EIN or SSN

V. CERTIFICATION

I certify, under penalty of law, that I have personally examined and am familiar with the information submitted in this and all attached documents; and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Signature

Date Signed

Name (type or print)

Title

Company

Any changes regarding information supplied on this application that are made after it has been submitted to the Department must be submitted in writing and approved by the Department.

VI. TANKS

Tanks must be properly designed and constructed. Any portion underground that routinely contains product must be protected from corrosion in accordance with a code of practice developed by a nationally recognized association or testing laboratory (SCUSTCR R.61-92, Part 280.20[a]).

Company Tank Number	1	2	3	4	5
Is tank to be installed "new" or "used"					
Capacity (gallons) If Compartmented list sizes					
Material of Construction (check one): Steel w/anode					
Fiberglass-Reinforced Plastic (FRP)					
Steel-FRP Composite					
Steel - Polyurethane					
Other (specify)					
Substance to be Stored:					
1. Petroleum Gasoline (include alcohol blends)					
Diesel					
Kerosene					
Other (specify)					
2. Hazardous Substance Name of Substance; OR					
Chemical Abstract Service (CAS) Number					
3. Tank Stores Mixture of Substances					

Tank Manufacturer: _____

VII. WATER SUPPLY WELLS

All new tank systems which are installed, within 100 feet of an existing water supply, a coastal zone circuitual area, or state navigable waters, must install an approved method of secondary containment (SCUSTCR R.61-92, Part 280.20[g]).

Distance, in feet, of the tank storage system (underground storage tanks, product piping, and dispenser islands) to the nearest water supply well(s), coastal zone critical area, or state navigable waters: _____

NOTE: Any water supply well, regardless of purpose or status (in use or unused), must be included.

"Coastal zone" means all coastal waters and submerged lands seaward to the State's jurisdictional limits and all lands and waters in the counties of the State which contain any one or more of the critical areas. These counties are Beaufort, Berkeley, Charleston, Colleton, Dorchester, Horry, Jasper, and Georgetown.

"Critical area" means any of the following: (1) coastal waters, (2) tidelands, or (3) beach/dune systems, as defined by the Office of Ocean and Coastal Resource Management Regulations.

"Navigable waters" means those waters which are now navigable, or have been navigable at any time, or are capable of being rendered navigable by the removal of accidental obstruction, by rafts of lumber or timber by small pleasure or sport fishing boats. Navigability is defined in R.19-450, Permits for Construction in Navigable Waters.

VIII. PIPING

The piping that routinely contains regulated substances and is in contact with the ground must be properly designed, constructed, and protected from corrosion in accordance with a code of practice developed by a nationally recognized association or independent testing laboratory (SCUSTCR R.61-92, Part 280.20[b]).

NOTE: All metal components of piping systems (flex connectors, check valves, etc.) that are in contact with backfill (not housed in an acceptable secondary containment) must be coated with an acceptable dielectric coating and cathodically protected or isolated from contact with the backfill. Please enclose cathodic protection design. Anode locations must be designated.

Company Tank Number	1	2	3	4	5
Type of Piping					
Fiberglass-Reinforced Plastic (FRP)*					
Flexible					
Other (specify)					

*How will metal components be protected?
(ex: flex connectors, fittings, etc.)

Type of Pumping System	Pressurized					
	Suction					

For Suction System, what type of check valve will be used? Foot [] Angled [] Vertical []

IX. SPILL AND OVERFILL PREVENTION EQUIPMENT

Spill and overfill prevention equipment must be used to prevent spilling and overfilling associated with product transfer to the underground storage tank system unless the system is filled by transfers of no more than 25 gallons at one time or alternate equipment is used that is determined by SCDHEC to be no less protective of human health and the environment (SCUSTCR R.61-92, Part 280.20[c]).

1. Spill Prevention Equipment

Type: _____

2. Overfill Prevention Equipment

Type: _____

Check here [] if spill and overfill prevention equipment will not be used and list reason(s) for exclusion.

X. RELEASE DETECTION

Owners and operators of new and existing underground storage tank systems must provide a method, or combination of methods, of release detection (SCUSTCR R.61-92, Part 280.40) that:

1. Can detect a release from any portion of the underground storage tank and associated piping that routinely contains product;
2. Is installed, calibrated, operated and maintained in accordance with the manufacturer's instructions, including routine maintenance and service checks for operability or running condition; and
3. Meets the performance standards in SCUSTCR R.61-92, Parts 280.43 or 280.44

Release Detection (check all that apply)

Tank(s)

Piping

a. Manual Tank Gauging*		
b. Inventory Control with Tank Tightness Testing every five years **		
c. SIR		
d. Automatic Tank Gauging		
e. Vapor Monitoring		
f. Groundwater Monitoring***		
List Depth to Ground Water _____		
g. Interstitial Monitoring within Secondary Barrier		
h. Interstitial Monitoring within Secondary Containment		
i. Line Leak Detectors		
j. Annual Line Tightness Test for Pressurized Piping		
k. Line Tightness Test every Three Years for Non-Exempt Suction Systems		
l. Another Method Allowed by SCDHEC (specify) _____		

If release detection methods c through i are to be used, list type of monitoring equipment (model number and manufacturer) to be used. Methods d through g require that the release detection system must be monitored at least every 30 days.

* Only tanks of 550 gallons or less nominal capacity may use this as the sole method of leak detection. Tanks of 551 to 2000 gallons may use this method in place of monthly inventory control with reconciliation until December 22, 2008.

** This method may only be used until December 22, 2008.

*** May only be used if ground water is never more than 20 feet from the ground surface.

XI. SITE MAP

A site map, drawn to scale, showing the proposed location of all tank area(s), tank piping (product and vent lines), dispensers, and leak detection system(s) must be attached.

XII. INSTALLATION

All tanks and piping must be properly installed in accordance with a code of practice developed by a nationally recognized association or independent testing laboratory and in accordance with manufacturer's instructions (SCUSTCR R.61-92, Part 280.20[e]). If a code of practice and the manufacturer's instructions are not in agreement concerning an installation standard, then the more environmentally protective of the two must be used.

The tank and piping system installation practices and procedures described in the following codes may be used to comply with this requirement. Indicate which standard(s) will be used to oversee the tank system installation.

- ☐ American Petroleum Institute Publication 1615, "Installation of Petroleum Storage Systems."
- ☐ Petroleum Equipment Institute Publication RP100, "Recommended Practices for Installation of Underground Liquid Storage Systems."
- ☐ American National Standards Institute Standard B31.3, "Petroleum Refinery Piping," and American National Standards Institute Standard B31.4, "Liquid Petroleum Transportation Piping System."

Will tanks be anchored? Yes ☐ No ☐ If yes, list type of anchoring system: _____

XIII. CERTIFICATION OF INSTALLATION

All owners and operators must ensure that one or more of the following methods of certification, testing, or inspection is used to demonstrate compliance with Section XIII of this application by providing a certificate of compliance (SCUSTCR R.61-92, Part 280.20[f]). Check all methods below that will be used to meet this requirement.

- ☐ The installer is certified by tank and piping manufacturers

Name of installer: _____

Contact/Phone: _____

- ☐ The installation will be inspected and certified by a SC registered professional engineer with education and experience in underground storage tank system installation.
- ☐ All work listed in the manufacturer's installation checklists will be completed.
- ☐ The owner and operator will comply with another method for ensuring compliance with this section that is determined by SCDHEC to be no less protective of human health and environment.*

Specify: _____

XIV. FINANCIAL RESPONSIBILITY

Owners and operators of petroleum underground storage tanks must demonstrate financial responsibility for taking corrective action and for compensating third parties for bodily injury and property damage caused by accidental releases arising from the operation of petroleum underground storage tanks (SCUSTCR R. 61-92 Part 280.93). If the South Carolina Underground Petroleum Environmental Response Bank (SUPERB) funds are chosen as a mechanism, submit proof of the ability to pay the deductible amount.

See attached DHEC form 3472 Certificate of Financial Responsibility.

**Addendum to APPLICATION FOR PERMIT TO INSTALL (DHEC 2101)
Underground Storage Tank Program**

1. SECTION X. WATER SUPPLY WELLS, NAVIGABLE WATERS, COASTAL ZONE CRITICAL AREAS

Provide the following information in lieu of Section X of the Application for Permit to Install.

All new tank systems which are installed within 100 feet of an existing water supply well, a coastal zone critical area, or a state navigable waters, must install an approved method of secondary containment (SCUSTCR R.61-92, Part 280.20 [f]).

Distance, in feet, of the tank storage system (underground storage tanks, product piping, and dispenser islands) to the nearest water supply well(s), coastal zone critical area, or state navigable waters: _____

Note: Any water supply wells, regardless of purpose or status (in use or unused), must be included.

“Coastal zone” means all coastal waters and submerged lands seaward to the State’s jurisdictional limits and all lands and waters in the counties of the State which contain any one or more of the critical area. These counties are Beaufort, Berkeley, Charleston, Colleton, Dorchester, Horry, Jasper, and Georgetown.

“Critical Area” means any of the following: (1) coastal waters, (2) tideland, or (3) beach/dunes systems, as defined by the Office of Ocean and Coastal Resource Management Regulations.

“Navigable waters” means those waters which are now navigable, or have been navigable at any time, or are capable of being rendered navigable by the removal of accidental obstruction, by rafts of lumber or timber by small pleasure or sport fishing boats. Navigability is defined in R.19-450, Permits for Construction in Navigable Waters.

2. SECTION IVa. OPERATOR

Enter the name, job title, telephone number, and mailing address of the operator of the tank(s). If the operator is the same as the tank owner, check here [☐].

Name _____

Title _____

Telephone # _____

Mailing Address _____

Operator means any person in control of, or having responsibility for, the daily operation of the UST system.

The Underground Storage Tank Program has determined that an employee of the UST owner is not an operator of the UST system. A party who leases or rents the UST system from the UST owner, or has a business agreement with the UST owner, would be an operator of the UST system.

3. SECTION Ia. OWNER IDENTIFICATION NUMBER

Enter the SSN or EIN of the owner _____

Individuals - Enter your SSN.

Corporations, partnerships, or associations - Enter the EIN

4. SECTION IVaa. OPERATOR IDENTIFICATION NUMBER

Enter the SSN or EIN of the operator _____

Individuals - Enter your SSN.

Corporations, partnerships, or associations - Enter the EIN.

5. SECTION III. LANDOWNER INFORMATION

Enter the name, telephone number, and mailing address of the property owner. If the property owner is the same as the tank owner, check here [☐].

Name _____

Telephone # _____

Mailing Address _____

Tax Map Number for the property _____

Permitting Schedule

Applications for Permits to Install & Operate will be reviewed and processed on Monday, Wednesday, and Friday. Permits for applications that are complete will be issued on the following permitting day. Applications received after 2:00 PM will be reviewed the following permitting day.

If a holiday falls on Monday, Wednesday, or Friday, the application will be reviewed on the next business day following the holiday.

Applications for Permits to Install in the counties of Beaufort, Berkeley, Charleston, Colleton, Dorchester, Georgetown, Horry, and Jasper are referred to the Office of Ocean & Coastal Resource Management (OCRM) for review. These Permits to Install cannot be issued without the approval of OCRM.

ADD.12:TXT